



The CERN Accelerator School

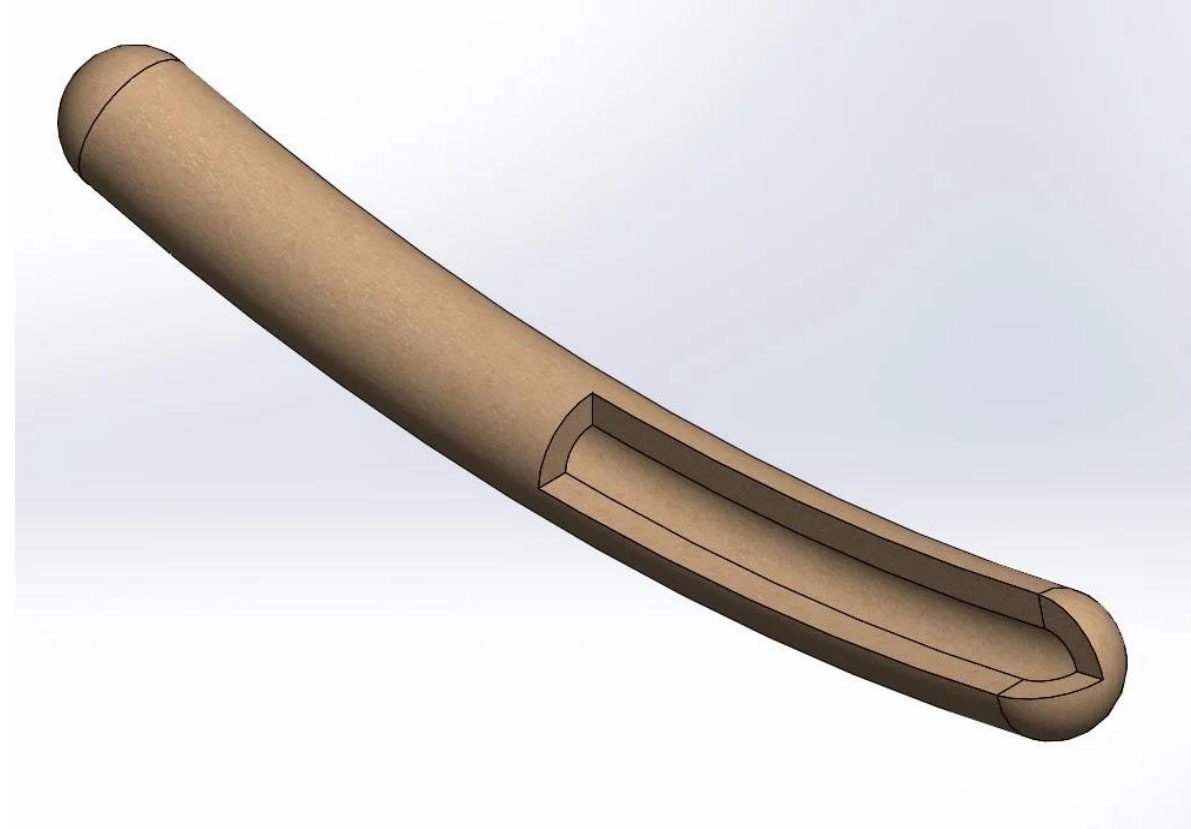
Mechanical & Materials Engineering for Particle Accelerators and Detectors

2 – 15 June 2024

Hotel de Ruwenberg, Sint Michielsgestel, Netherlands

We made it!

I learned a lot!



This course

- **84 participants** (41 CERN, 43 external) – with 20 different nationalities
- Female: 16 – Male: 68
- **49 (!) colleagues for lectures and hands-on**, 5 more for the CAS team
- 4 birthdays 😊

- **Many thanks to the CERN MME Group!**
 - Said Atieh (present group leader)
 - Alessandro Bertarelli (deputy group leader)
 - Francesco Bertinelli (former group leader)
 - Galia Jaouni

- Thanks for the entertaining **seminars**:
 - Mechanics of Golf, Jan Visser
 - Einstein Telescope, Patrick Werneke, Eric Hennes

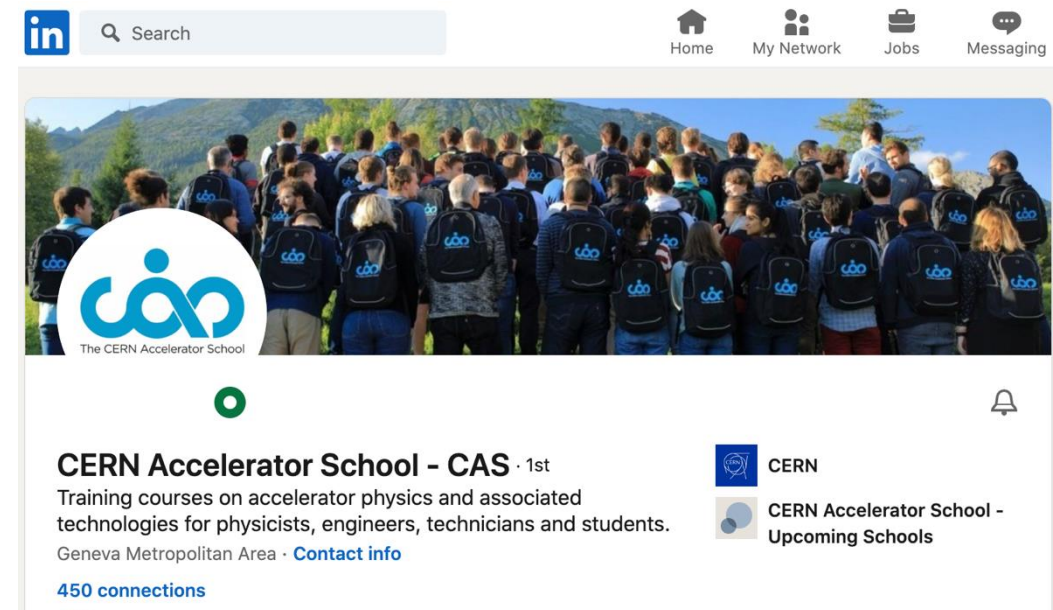
- Thanks for the interesting **visits**:
 - DIFFER – Beata Tyburska-Pueschel and her colleagues
 - IBS
 - Sioux
 - VDL

Hands-on courses – BIG THANKS!!!

- **Mechanical design**
 - Alessandro Bertarelli, Federico Carra, Luca Dassa, Marc Timmins
- **Mechanical Measurements**
 - Kurt Artoos, Michael Guinchard, Stefan Höll, Thomas Sahner, Oscar Sacristan De Frutos
- **Non-destructive Testing**
 - Ana Teresa Perez Fontenla, Ignacio Aviles Santillana, Gonzalo Arnau Izquierdo, Stefano Sgobba
- **Metrology**
 - Maciej Burkowski, Giacomo Calchi, Thomas Carlier, Ahmed Cherif, Olivier Langlois, Sergey Lemeshko
- **Fabrication**
 - Said Atieh, Simon Barriere, Sebastian Esenwein, Marco Garlaschè, Romain Gerard, Jorge Guardia

Networking

- Next to the course teaching the most important aspect of the school
“ digital training cannot replace CAS courses”
 - people socialising (and even working) up to late in the evenings
 - lots of interactions students <-> teachers
 - cinema evening, **CASaoke :-)**
 - excursion
- WhatsApp Group(s) very useful
- LinkedIn
 - From the CAS web page
 - CAS profile: <https://www.linkedin.com/in/cern-cas/>



Online Evaluation Form

- Important to maintain / improve the high quality of teaching
- <https://cas.web.cern.ch/evaluation/sint-michielsgestel-2024>

- Log in with CERN account or many other ways (Google, LinkedIn, ...)

Sign in with a CERN account


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 Two-factor authentication

 Kerberos


Sign in with your email or organisation


 Home organisation - eduGAIN


 External email - Guest access


Or sign in with a social account

By clicking on the buttons below, you consent to CERN's transfer of your login request to the social provider and to receive your account name, name and e-mail for authenticating you. Click [here](#) for more details.

 Google

 LinkedIn

 GitHub

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Online Evaluation Form

Level	Content	Presentation	Relevance
<input type="radio"/> Much too low	<input type="radio"/> Completely uninteresting	<input type="radio"/> Very poor	<input type="radio"/> Should not be in this CAS course
<input type="radio"/> Low	<input type="radio"/> Uninteresting	<input type="radio"/> Poor	<input type="radio"/> Specialist information - good, but not for me
<input type="radio"/> Just right	<input type="radio"/> Of some interest	<input type="radio"/> Fair	<input type="radio"/> Contributes to the general accelerator education
<input type="radio"/> Too high	<input type="radio"/> Interesting	<input type="radio"/> Good	<input type="radio"/> Important general information
<input type="radio"/> Much too high	<input type="radio"/> Very interesting	<input type="radio"/> Very good	<input type="radio"/> Directly relevant for my present studies

Other comments on this lecture...

✓ SAVE DRAFT

SUBMIT

- You can **save it** and come back to it later at any time
- Just **DON'T submit it until** you have completed your evaluation at **the end**
- **You can complete it when you get home**
- **We will keep it open for another week!**

“Testimonials” on the CAS website



What our students say about us

  *“ For a beginner like me, it was a very informative and helpful school, I could interact with people from different parts of the world and realize the opportunities ahead of me. ”*
— **Aqsa Shaikh**, SAMEER
Student of JAS on RF Technologies, Japan 2017

 *“ I enjoyed the multinational environment of great people and a great deal of knowledge that I got out of the lectures. ”*
— **Marcin Knafel**, NSRC SOLARIS
Student of JAS on RF Technologies, Japan 2017 

- All it needs:
 - a photo
 - name + affiliation + CAS course
 - “a sentence”

Final Thanks

This course would not have happened without:

- The **local organiser**: Jan Visser
- The **hotel**: Simone van den Nieuwenhof
- The **lecturers and hands-on experts**: who do it all out of good will
- The **filming**: Noemi + Ron
- The **deputy director**: Christine
- The **souls**: Delphine, Maria
- The **participants**: **YOU!!!**

- **Special Dinner tonight from 19:30 inside the restaurant.
Put on your best outfit! :-)**

The Group Photo

Noemí Carabán González



Frank Tecker, Closing CAS 2024

What's next

- Other photos will follow in the coming weeks
- Slides are already all available on Indico
- Videos will be published, might still take some time...
- Proceedings foreseen to be published

- **Introduction to Accelerator Physics** (yearly – in September)
 - 22 Sep – 5 Oct 2024 (in Santa Susanna, Spain)
- **Advanced Accelerator Physics**
 - 10 – 22 Nov 2024 in Spa, Belgium
- **Basic course** (5 days, non-residential) near CERN
 - open for external participants, next 10 – 14 March 2025



The CERN Accelerator School

Mechanical & Materials Engineering

Have a safe trip home!

Buses at 6:00 and 8:15 sharp

Breakfast bag for participants leaving at 6:00

<http://cern.ch/cas>

